

Amendments to the Claims

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (cancelled)
2. (cancelled)
3. (cancelled)
4. (cancelled)
5. (cancelled)
6. (cancelled)
7. (cancelled)
8. (cancelled)
9. (cancelled)
10. (cancelled)
11. (cancelled)
12. (currently amended) A method for removing impurities from an effluent gas stream comprising the steps of:

spraying a liquid toward a solid horizontally located surface so that the liquid impinges on the solid horizontally located surface to form a film of liquid around ~~on~~ the solid horizontally located surface[[.]]; and

passing the effluent gas through the film of liquid to remove the impurities therefrom ~~past the surface and liquid.~~

13. (cancelled)

14. (currently amended) The method of claim 12 wherein in the spraying step the liquid that is sprayed is sprayed toward and against two parallel spaced solid flat surfaces to form two films of liquid.

15. (currently amended) The method of claim 14 further comprising the step of sucking the effluent gas ~~past~~ through the ~~surfaces~~ films of liquid ~~and the spray to humidify the gas.~~

16. (currently amended) The method of claim 14 wherein the spraying step further comprises spraying a first spray against one of the parallel surfaces and spraying a second spray against the ~~second~~ other of the parallel surfaces.

17. (currently amended) The method of claim 16 wherein the spray sprayed toward each surface is emitted generally centrally of the ~~that~~ surface.

18. (currently amended) A method for removing impurities from an effluent gas stream comprising the steps of:

spraying a liquid from a first source toward a solid, flat, horizontally located first surface to form a film of liquid around ~~on the that~~ first surface;

spraying a liquid from a second source toward a solid, flat, horizontally located second surface to form a film of liquid around ~~on the that~~ second surface; and

passing the effluent gas through ~~past~~ the films of liquid around the first and second surfaces and sprayed liquid to cause the effluent gas to mix with the liquid.